

Composite Material, Method of Production, and Uses Thereof

Abstract

A composite material is described that contains a reinforcing resin and reinforcing fibers, wherein the reinforcing fibers have a coating containing polyphenylene sulfide and the proportion of polyphenylene sulfide relative to the uncoated fibers is 0.001 to < 0.01 wt.%. The composite material shows higher apparent interlaminar shear strength and bending strength as compared with similar composite materials having no PPS coating in the above concentration range.